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801-C15	ECO100491	E1M10000295E02	ECO103217	S1M10000030A10	SAU802309
801-H19	ECO100488	E1M10000295E02	ECO103218	S1M10000030A10	SAU802308
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807-D20	ECO100366	E1M10000295B07	ECO100179	S1M10000030G10	SAU800019
807-D20	ECO100367	E1M10000295B07	ECO100180	S1M10000030H10	SAU802654
B13-17.G8	ECO101111	E1M10000295C07	ECO103224	S1M10000030A11	SAU800517
B5-6.C8	ECO101475	E1M10000295C07	ECO103225	S1M10000030A11	SAU202623
B5-6.C8	ECO101476	E1M10000295C07	ECO103226	S1M10000030D11	SAU800517
B5-6.C8	ECO201962	E1M10000295D08	ECO103225	S1M10000030D11	SAU202623
B8-2.D9	ECO103461	E1M10000295D08	ECO103226	S1M10000030E11	SAU802241
B15-8.P13	ECO101328	E1M10000295F08	ECO103160	S1M10000030G11	SAU800811
B15-8.P13	ECO101329	E1M10000295G08	ECO103217	S1M10000030C12	SAU801647
T13-5.A2	ECO103059	E1M10000295G08	ECO103218	S1M10000030C12	SAU801646
T12-3.I11	ECO102857	E1M10000295B09	ECO103236	S1M10000030E12	SAU800537
T20-15.D4	ECO101475	E1M10000295F09	ECO103881	S1M10000030G12	SAU801526
T20-15.D4	ECO101476	E1M10000295F09	ECO103882	S1M10000031B01	SAU802240
T20-15.D4	ECO201962	E1M10000295G09	ECO103263	S1M10000031H01	SAU800023
T24-15.G6	ECO103059	E1M10000295D10	ECO103101	S1M10000031B02	SAU802247
T24-17.C6	ECO102857	E1M10000295H10	ECO103263	S1M10000031E02	SAU801912
244.B12	ECO101763	E1M10000295B11	ECO103229	S1M10000031F02	SAU802231
244.B12	ECO101764	E1M10000295F11	ECO100954	S1M10000031F02	SAU802230
244.B12	ECO101765	E1M10000295G12	ECO103494	S1M10000031G02	SAU802235
1042-J1	ECO100702	E1M10000312D11	ECO104091	S1M10000031G02	SAU802234
1042-J1	ECO100703	E1M10000312D11	ECO104092	S1M10000031H02	SAU801355
195.F5	ECO102842	E1M10000296B01	ECO102304	S1M10000031A03	SAU802250
25.D5	ECO103059	E1M10000296C02	ECO102466	S1M10000031E03	SAU801134
25.D6	ECO103059	E1M10000296C02	ECO102467	S1M10000031E03	SAU801135
177.F3	ECO102309	E1M10000296D02	ECO103235	S1M10000031F03	SAU802240
525.H11	ECO102857	E1M10000296D02	ECO103236	S1M10000031G03	SAU801505
632.N2	ECO104277	E1M10000296D02	ECO103237	S1M10000031A04	SAU801434
633.B7	ECO103479	E1M10000296H02	ECO102556	S1M10000031A04	SAU302892
671.I20	ECO103478	E1M10000296C03	ECO100150	S1M10000031B04	SAU800543
676.B12	ECO103479	E1M10000296C03	ECO100151	S1M10000031C04	SAU800738
643.B19	ECO100702	E1M10000296E03	ECO101086	S1M10000031C04	SAU800737
720.O16	ECO103884	E1M10000296H03	ECO103227	S1M10000031E04	SAU800542
666.H12	ECO103478	E1M10000296H03	ECO103228	S1M10000031F04	SAU801517
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98.D4	ECO103263	E1M10000296G04	ECO102144	S1M10000031G04	SAU302611
844.B21	ECO102144	E1M10000296F05	ECO103886	S1M10000031G04	SAU302882
P31-25-F3	ECO101686	E1M10000296G05	ECO101467	S1M10000031F05	SAU800548
P335-8.H8	ECO101041	E1M10000296H05	ECO103094	S1M10000031D06	SAU801526
P347.2	ECO101086	E1M10000296A06	ECO100194	S1M10000031G06	SAU800548
P31-11-J20	ECO103228	E1M10000296A06	ECO100195	S1M10000031H06	SAU600582
P336-14.F20	ECO101370	E1M10000296G07	ECO102827	S1M10000031C07	SAU801760
P31-27-M1	ECO103423	E1M10000296G07	ECO102828	S1M10000031D07	SAU801181
P338-4.M21	ECO100139	E1M10000296H07	ECO103220	S1M10000031E07	SAU800016
P334-8.L7	ECO101256	E1M10000296H07	ECO103221	S1M10000031A08	SAU802365
P31-2-E16	ECO101686	E1M10000296E08	ECO100886	S1M10000031D08	SAU801790
P335-3.J14	ECO100523	E1M10000296F08	ECO103218	S1M10000031E08	SAU800547
P334-5.H2	ECO100139	E1M10000296G08	ECO103734	S1M10000031F08	SAU801264
P31-33-N2	ECO103241	E1M10000296H08	ECO100809	S1M10000031C09	SAU801193
P332-11.C20	ECO102827	E1M10000296H08	ECO100810	S1M10000031D09	SAU800019
P332-11.C20	ECO102828	E1M10000296A09	ECO100194	S1M10000031G09	SAU800006
869.A23	ECO100390	E1M10000296B11	ECO103229	S1M10000031H09	SAU801599

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P326-9.K2	ECO103293	E1M10000296F12	ECO101684	S1M10000031E10	SAU800001
P323-8.P1	ECO101685	E1M10000296G12	ECO100095	S1M10000031F10	SAU800244
P35-8	ECO103692	E1M10000298C01	ECO101438	S1M10000031G10	SAU800962
P36-13.E2	ECO103059	E1M10000298G01	ECO104148	S1M10000031A11	SAU801741
P38-1.G20	ECO102227	E1M10000298G01	ECO104149	S1M10000031B11	SAU801908
P327-50.M10	ECO103242	E1M10000298G02	ECO102636	S1M10000031C11	SAU802152
P327-50.M10	ECO103243	E1M10000298C03	ECO103238	S1M10000031F11	SAU800312
P328-8.D21	ECO103240	E1M10000298C03	ECO103239	S1M10000031G11	SAU801234
P328-8.D21	ECO103241	E1M10000298D03	ECO103886	S1M10000031H11	SAU800962
P328-20.P20	ECO100541	E1M10000298H03	ECO103262	S1M10000031B12	SAU801621
P33-1.C22	ECO103227	E1M10000298H03	ECO103878	S1M10000031C12	SAU801741
X3S107-17	ECO101475	E1M10000298H03	ECO204942	S1M10000031E12	SAU801275
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X3S107-17	ECO201962	E1M10000298E04	ECO100431	S1M10000032B01	SAU802654
P35-7	ECO103928	E1M10000298H04	ECO100809	S1M10000032C01	SAU800548
X3S118-9	ECO103263	E1M10000298H04	ECO100808	S1M10000032F01	SAU800525
X3S163-1	ECO103423	E1M10000298C05	ECO103234	S1M10000032F01	SAU800524
X3S204-7	ECO103238	E1M10000298C05	ECO103235	S1M10000032H01	SAU802112
X3S177-4	ECO101161	E1M10000298C05	ECO103236	S1M10000032H01	SAU802111
P342-3	ECO102104	E1M10000298D05	ECO101539	S1M10000032E02	SAU801096
SC21.1	ECO103224	E1M10000298D05	ECO101540	S1M10000032G02	SAU800830
SC17.1	ECO102087	E1M10000298C06	ECO101844	S1M10000032G02	SAU800829
SC13.1	ECO101347	E1M10000298D06	ECO103886	S1M10000032A03	SAU802686
SC13.1	ECO101348	E1M10000298G06	ECO100096	S1M10000032C03	SAU800771
MC9.6	ECO102929	E1M10000298B07	ECO100095	S1M10000032D03	SAU801235
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Z60-P16	ECO103243	E1M10000298G07	ECO103233	S1M10000032G03	SAU801269
Z86-I21	ECO103884	E1M10000298G07	ECO103234	S1M10000032C04	SAU800771
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E1M10000111C03	ECO103238	E1M10000311C07	ECO103263	S1M10000032A08	SAU800217
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E1M10000220B03	ECO101324	S1M10000002D08	SAU801900	S1M10000047G05	SAU801669
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E1M10000225A06	ECO103218	S1M10000003C12	SAU800548	S1M10000048D01	SAU802654
E1M10000225B06	ECO101259	S1M10000003F12	SAU801621	S1M10000048G01	SAU800363
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E1M10000225H09	ECO101989	S1M10000004G01	SAU802496	S1M10000048D02	SAU802548
E1M10000225F10	ECO101684	S1M10000004C02	SAU802496	S1M10000048D02	SAU104011
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E1M10000225D12	ECO102967	S1M10000004B03	SAU800257	S1M10000048F02	SAU802107
E1M10000225G12	ECO101128	S1M10000004B03	SAU800258	S1M10000048G02	SAU800019
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E1M10000226B02	ECO103515	S1M10000004A04	SAU802655	S1M10000048B03	SAU801184
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E1M10000226F02	ECO102999	S1M10000004D04	SAU802223	S1M10000048E03	SAU802586
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E1M10000226H06	ECO103848	S1M10000004D06	SAU800006	S1M10000048E04	SAU801183
E1M10000226A08	ECO104132	S1M10000004E06	SAU802240	S1M10000048G04	SAU802247
E1M10000226D08	ECO101753	S1M10000004F06	SAU800152	S1M10000048H04	SAU802586
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E1M10000226G11	ECO103244	S1M10000004G07	SAU801644	S1M10000048G05	SAU800542
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E1M10000226F12	ECO100240	S1M10000004B08	SAU801346	S1M10000048A06	SAU800546
E1M10000227E03	ECO100975	S1M10000004B08	SAU200535	S1M10000048B06	SAU801184
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E1M10000227G03	ECO101459	S1M10000004D08	SAU202623	S1M10000048E06	SAU801186
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E1M10000227D12	ECO104144	S1M10000004E12	SAU800528	S1M10000048F09	SAU802238
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E1M10000232B03	ECO101324	S1M10000005C01	SAU802496	S1M10000048C10	SAU800367
E1M10000232H03	ECO103097	S1M10000005E01	SAU800996	S1M10000048D10	SAU802590
E1M10000232C07	ECO100170	S1M10000005B02	SAU802243	S1M10000048E10	SAU802590
E1M10000232F07	ECO103797	S1M10000005D02	SAU800519	S1M10000048G10	SAU802238
E1M10000232F07	ECO103798	S1M10000005E02	SAU802655	S1M10000048H10	SAU802240
E1M10000232G07	ECO104010	S1M10000005F02	SAU801644	S1M10000048A11	SAU802224
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E1M10000233A05	ECO102553	S1M10000005D05	SAU801644		

Table IC provides a cross reference between PathoSeq Gene Loci listed in Table IB and the SEQ ID NOs. of the corresponding PathoSeq polypeptides and the SEQ ID NOs. of the nucleic acids which encode them. The Gene Locus IDs provided in Table IC each comprise a nine digit alpha-numeric identifier that can be used to determine the organism from which each Gene Locus and corresponding SEQ ID NOs. were identified. Specifically, the first letter of the Gene Locus ID corresponds to the first letter of the genus name of the organism described herein from which the Gene Locus was identified and the second and third letters of the Gene Locus ID correspond to the first two letters of the species name of this organism. For example, the identifier EFA205257 describes a gene locus identified from *Enterococcus faecalis*. In those instances where the three letter identifier is the same for different organisms, the exact identity of the organism which corresponds to the Gene Locus ID can be determined by referring to the organism designation in the sequence listing for the coding nucleic acid or polypeptide SEQ ID NO. that corresponds to the particular Gene Locus ID.

TABLE IC

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
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6215	42399	EFA205258	18277	54461	CJU100848	30338	66522	PAE203654
6216	42400	EFA205225	18278	54462	CJU100855	30339	66523	PAE203656
6217	42401	EFA201977	18279	54463	CJU100856	30340	66524	PAE203658
6218	42402	EFA203137	18280	54464	CJU100859	30341	66525	PAE203668
6219	42403	EFA200840	18281	54465	CJU100860	30342	66526	PAE203670
6220	42404	EFA202003	18282	54466	CJU100861	30343	66527	PAE203672
6221	42405	EFA200807	18283	54467	CJU100862	30344	66528	PAE203677
6222	42406	EFA200811	18284	54468	CJU100863	30345	66529	PAE203684
6223	42407	EFA201987	18285	54469	CJU100866	30346	66530	PAE203691
6224	42408	EFA201980	18286	54470	CJU100870	30347	66531	PAE203698
6225	42409	EFA201981	18287	54471	CJU100871	30348	66532	PAE203722
6226	42410	EFA205229	18288	54472	CJU100872	30349	66533	PAE203732
6227	42411	EFA201028	18289	54473	CJU100885	30350	66534	PAE203735
6228	42412	EFA201993	18290	54474	CJU100886	30351	66535	PAE203739
6229	42413	EFA201974	18291	54475	CJU100888	30352	66536	PAE203740
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7138	43322	ECO103104	19200	55384	EBC100307	31261	67445	PMU101923
7139	43323	ECO100584	19201	55385	EBC100310	31262	67446	PMU101930
7140	43324	ECO103557	19202	55386	EBC100321	31263	67447	PMU101940
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7142	43326	ECO100381	19204	55388	EBC100329	31265	67449	PMU101950
7143	43327	ECO102096	19205	55389	EBC100331	31266	67450	PMU101951
7144	43328	ECO102741	19206	55390	EBC100332	31267	67451	PMU101955
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7151	43335	ECO205289	19213	55397	EBC100373	31274	67458	PMU101981
7152	43336	ECO103627	19214	55398	EBC100384	31275	67459	PMU101984
7153	43337	ECO100785	19215	55399	EBC100388	31276	67460	PMU101985
7154	43338	ECO100786	19216	55400	EBC100399	31277	67461	PMU101986
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7156	43340	ECO102852	19218	55402	EBC100408	31279	67463	PMU101989
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7158	43342	ECO100967	19220	55404	EBC100417	31281	67465	PMU101994
7159	43343	ECO103506	19221	55405	EBC100426	31282	67466	PMU101995
7160	43344	ECO103866	19222	55406	EBC100434	31283	67467	PMU101997
7161	43345	ECO101221	19223	55407	EBC100441	31284	67468	PMU101998
7162	43346	ECO100402	19224	55408	EBC100442	31285	67469	PMU102001
7163	43347	ECO101175	19225	55409	EBC100444	31286	67470	PMU102003
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7166	43350	ECO100712	19228	55412	EBC100455	31289	67473	PMU102011
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7177	43361	ECO100096	19239	55423	EBC100509	31300	67484	PPU100159
7178	43362	ECO103245	19240	55424	EBC100510	31301	67485	PPU100161
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7185	43369	ECO100145	19247	55431	EBC100562	31308	67492	PPU100241
7186	43370	ECO103399	19248	55432	EBC100570	31309	67493	PPU100250
7187	43371	ECO204448	19249	55433	EBC100597	31310	67494	PPU100260
7188	43372	ECO102920	19250	55434	EBC100610	31311	67495	PPU100265
7189	43373	ECO104218	19251	55435	EBC100616	31312	67496	PPU100354
7190	43374	ECO104241	19252	55436	EBC100624	31313	67497	PPU100404
7191	43375	ECO102363	19253	55437	EBC100628	31314	67498	PPU100405
7192	43376	ECO100980	19254	55438	EBC100631	31315	67499	PPU100406
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7194	43378	ECO103454	19256	55440	EBC100646	31317	67501	PPU100429
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7197	43381	ECO102066	19259	55443	EBC100655	31320	67504	PPU100484
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7199	43383	ECO103000	19261	55445	EBC100663	31322	67506	PPU100559
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7204	43388	ECO102351	19266	55450	EBC100689	31327	67511	PPU100621
7205	43389	ECO104028	19267	55451	EBC100699	31328	67512	PPU100631
7206	43390	ECO100475	19268	55452	EBC100702	31329	67513	PPU100633
7207	43391	ECO104233	19269	55453	EBC100703	31330	67514	PPU100635
7208	43392	ECO101499	19270	55454	EBC100704	31331	67515	PPU100641
7209	43393	ECO101671	19271	55455	EBC100706	31332	67516	PPU100647
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7212	43396	KPN201086	19274	55458	EBC100731	31335	67519	PPU100764
7213	43397	KPN201087	19275	55459	EBC100765	31336	67520	PPU100765
7214	43398	KPN103883	19276	55460	EBC100767	31337	67521	PPU100810
7215	43399	KPN208757	19277	55461	EBC100769	31338	67522	PPU100841
7216	43400	KPN203895	19278	55462	EBC100771	31339	67523	PPU100844
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7222	43406	KPN203025	19284	55468	EBC100806	31345	67529	PPU100882
7223	43407	KPN203487	19285	55469	EBC100807	31346	67530	PPU100885
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7229	43413	KPN207255	19291	55475	EBC100826	31352	67536	PPU100970
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7239	43423	PAE201546	19301	55485	EBC100878	31362	67546	PPU101069
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7241	43425	PAE100416	19303	55487	EBC100904	31364	67548	PPU101089
7242	43426	PAE204992	19304	55488	EBC100905	31365	67549	PPU101090
7243	43427	PAE203039	19305	55489	EBC100906	31366	67550	PPU101093
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7245	43429	PAE204262	19307	55491	EBC100918	31368	67552	PPU101118
7246	43430	PAE204064	19308	55492	EBC100919	31369	67553	PPU101132
7247	43431	PAE204269	19309	55493	EBC100920	31370	67554	PPU101135
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7252	43436	PAE205294	19314	55498	EBC100961	31375	67559	PPU101150
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7254	43438	PAE203158	19316	55500	EBC100965	31377	67561	PPU101164
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7259	43443	PAE203011	19321	55505	EBC100985	31382	67566	PPU101175
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7261	43445	PAE200714	19323	55507	EBC101014	31384	67568	PPU101189
7262	43446	PAE105557	19324	55508	EBC101020	31385	67569	PPU101200
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7264	43448	PAE203009	19326	55510	EBC101030	31387	67571	PPU101233
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7269	43453	PAE201300	19331	55515	EBC101043	31392	67576	PPU101392
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7272	43456	PAE201984	19334	55518	EBC101067	31395	67579	PPU101409
7273	43457	PAE203066	19335	55519	EBC101072	31396	67580	PPU101423
7274	43458	PAE203981	19336	55520	EBC101089	31397	67581	PPU101429
7275	43459	PAE203004	19337	55521	EBC101093	31398	67582	PPU101434
7276	43460	PAE203003	19338	55522	EBC101094	31399	67583	PPU101447
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7281	43465	PAE204252	19343	55527	EBC101120	31404	67588	PPU101496
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7283	43467	PAE205071	19345	55529	EBC101127	31406	67590	PPU101510
7284	43468	PAE204540	19346	55530	EBC101129	31407	67591	PPU101511
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7286	43470	PAE205202	19348	55532	EBC101151	31409	67593	PPU101526
7287	43471	PAE202195	19349	55533	EBC101152	31410	67594	PPU101529
7288	43472	PAE204067	19350	55534	EBC101153	31411	67595	PPU101541
7289	43473	PAE203761	19351	55535	EBC101162	31412	67596	PPU101559
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7292	43476	PAE204103	19354	55538	EBC101184	31415	67599	PPU101569
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7294	43478	PAE200377	19356	55540	EBC101191	31417	67601	PPU101602
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7296	43480	PAE202126	19358	55542	EBC101194	31419	67603	PPU101672
7297	43481	PAE202396	19359	55543	EBC101201	31420	67604	PPU101702
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7304	43488	PAE201461	19366	55550	EBC101229	31427	67611	PPU101764
7305	43489	PAE202669	19367	55551	EBC101230	31428	67612	PPU101770
7306	43490	PAE200471	19368	55552	EBC101233	31429	67613	PPU101791
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7309	43493	PAE204256	19371	55555	EBC101244	31432	67616	PPU101826
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7314	43498	PAE200937	19376	55560	EBC101260	31437	67621	PPU101855
7315	43499	PAE201397	19377	55561	EBC101263	31438	67622	PPU101878
7316	43500	PAE201269	19378	55562	EBC101268	31439	67623	PPU101891
7317	43501	PAE205431	19379	55563	EBC101277	31440	67624	PPU101916
7318	43502	PAE205502	19380	55564	EBC101279	31441	67625	PPU101949
7319	43503	PAE201492	19381	55565	EBC101280	31442	67626	PPU101950
7320	43504	PAE203475	19382	55566	EBC101281	31443	67627	PPU101952
7321	43505	PAE202632	19383	55567	EBC101282	31444	67628	PPU101954
7322	43506	PAE201359	19384	55568	EBC101285	31445	67629	PPU101976
7323	43507	PAE202724	19385	55569	EBC101287	31446	67630	PPU101981
7324	43508	PAE204241	19386	55570	EBC101290	31447	67631	PPU101984
7325	43509	PAE203520	19387	55571	EBC101291	31448	67632	PPU101987
7326	43510	PAE203119	19388	55572	EBC101294	31449	67633	PPU101997
7327	43511	PAE200320	19389	55573	EBC101295	31450	67634	PPU102000
7328	43512	PAE200028	19390	55574	EBC101303	31451	67635	PPU102004
7329	43513	PAE204244	19391	55575	EBC101305	31452	67636	PPU102022
7330	43514	PAE204245	19392	55576	EBC101306	31453	67637	PPU102025
7331	43515	PAE200881	19393	55577	EBC101308	31454	67638	PPU102030
7332	43516	PAE204596	19394	55578	EBC101311	31455	67639	PPU102034
7333	43517	PAE205311	19395	55579	EBC101317	31456	67640	PPU102036
7334	43518	PAE204260	19396	55580	EBC101321	31457	67641	PPU102041
7335	43519	PAE204078	19397	55581	EBC101322	31458	67642	PPU102045
7336	43520	PAE200649	19398	55582	EBC101332	31459	67643	PPU102062
7337	43521	PAE205025	19399	55583	EBC101339	31460	67644	PPU102065
7338	43522	PAE200129	19400	55584	EBC101342	31461	67645	PPU102070
7339	43523	PAE204510	19401	55585	EBC101345	31462	67646	PPU102082
7340	43524	PAE201071	19402	55586	EBC101346	31463	67647	PPU102088
7341	43525	PAE204266	19403	55587	EBC101349	31464	67648	PPU102092
7342	43526	PAE202145	19404	55588	EBC101352	31465	67649	PPU102113
7343	43527	PAE202492	19405	55589	EBC101361	31466	67650	PPU102117
7344	43528	PAE204345	19406	55590	EBC101366	31467	67651	PPU102118
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7346	43530	PAE201018	19408	55592	EBC101385	31469	67653	PPU102134
7347	43531	PAE204021	19409	55593	EBC101386	31470	67654	PPU102151
7348	43532	PAE204705	19410	55594	EBC101388	31471	67655	PPU102160
7349	43533	PAE202592	19411	55595	EBC101390	31472	67656	PPU102161
7350	43534	PAE200887	19412	55596	EBC101391	31473	67657	PPU102168
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7357	43541	PAE205194	19419	55603	EBC101417	31480	67664	PPU102184
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7362	43546	PAE105774	19424	55608	EBC101433	31485	67669	PPU102202
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8562	44746	ABA101163	20624	56808	ECO104239	32685	68869	PRT102997
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10992	47176	BBU100512	23054	59238	KPN300323	35115	71299	SHA100143
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11224	47408	BCE101760	23286	59470	KPN301345	35347	71531	SHA100927
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